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INTELLECTUAL PROPERTY LAW
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June 17, 2003

Our File: 8190.0001

Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: United States Patent Application Serial No. 09/917,430
For: FUNCTIONAL ASYMMETRICAL CIRCUIT SUBSTRATE
ASSEMBLY INCLUDING A MIRROR-SYMMETRIC
COMPONENT LAYOUT
Filed: July 27, 2001
Inventor: Dirk Raschke
Our Ref. No. 8190.0001

Dear Sir:

Enclosed are the following documents regarding the above-referenced patent application:

1. Transmittal letter;
2. 2003 Fee Transmittal in duplicate;
3. Form PTOL-85B, in duplicate with a certificate of mailing;
4. Check in the amount of \$1,609 for payment of the Issue Fee (\$1,300), Publication Fee (\$300), and three advance copies of the patent (\$9); and an
5. Acknowledgment postcard.

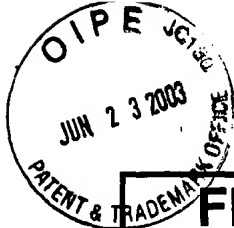
The Commissioner is hereby authorized to charge payment of additional fees or credit any overpayment to Deposit Account No. 03-1550. Duplicate copies of Fee Transmittal 2003 are enclosed.

Please address all notices regarding the payment of maintenance fees on the above-identified patent to Chernoff, Vilhauer, McClung & Stenzel, LLP at the then current address for payor number 000152.

Respectfully submitted,

Kevin L. Russell
Reg. No. 38,292
Attorney for Applicant

KLR:djs
Enclosures



FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

Complete If Known

Application Number 09/917,430
Filing Date July 27, 2001
First Named Inventor Raschke
Examiner Name John B. Vigushin

☐ Applicant claims small entity status. See 37CFR 1.27

Art Unit 2827

TOTAL AMOUNT OF PAYMENT \$1,609

Attorney Docket No. 8190.0001

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account

Deposit Account Number 03-1550

Deposit Account Name Chernoff Vilhauer McClung & Stenzel

The Commissioner is authorized to: (check all that apply)

☐ Charge fees indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge any fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge-late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex-parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1840*	1805	1840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	1,300
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt.	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 C.F.R. 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify) Publication Fee				Advance Order of 3 patents	\$300
					\$ 9
* Reduced by Basic Filing Fee Paid				SUBTOTAL (3)	\$1,609

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Code	(\$)	Code	(\$)		
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					\$0


2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

				Extra Claims	Fee from below	Fee Paid
Total Claims		-20** =	0	x	18 =	0
Indep. Claims		-3** =	0	x	84 =	0
Multiple Dependent					=	0
Large Entity	Small Entity	Fee Description				
Fee Code	Fee (\$)	Fee Code	Fee (\$)			
1202	18	2202	9	Claims in excess of 20		
1201	84	2201	42	Independent claims in excess of 3		
1203	280	2203	140	Multiple dependent claim, if not paid		
1204	84	2204	42	**Reissue independent claims over original patent		
1205	18	2205	9	*Reissue claims in excess of 20 and over original patent		
SUBTOTAL (2)						\$0

**or number of previously paid, if greater. For reissues, see above.

SUBMITTED BY

Complete (if applicable)

Name (print type) Kevin L. Russell Registration No. 38,292 Telephone (503) 227-5631
Signature  Date June 17, 2003